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A Simple Technique to Radiograph the Temporomandibular Articulation

By Bernard D. Katz, D.D.S., Chicago, Illinois

[Editor's Note: Dr. Bernard D. Katz has been a resident of the North Side of Chicago for many years. He graduated from Sullivan High School in 1940, and undertook pre-dental training at Wright Junior City College and the University of Chicago. He received his dental degree from the Chicago College of Dental Surgery, Loyola University, in 1945. After graduation, he served in the Naval Reserve for two years on active duty.

Following his release from service, Dr. Katz attended Northwestern University Dental School, receiving a Master's degree in dentistry with a major in periodontia in 1948. Since that time, he has been engaged in private practice in Chicago.]

It is possible to correlate functional analysis of the temporomandibular articulation with individual occlusion and oral pathological conditions using a simple radiographic technique to portray the movements of the condyles. In a sense, oral diagnosis is not complete without such a study. The minimum apparatus required to take these radiographs adds to the value of this technique.

Dr. Katz
The performance of the condyles in establishing "centric relation" and other

mouth movements, particularly the motions involved in traversing the distance from physiological rest to that of occlusion is of great importance to all phases of dentistry.

PURPOSE

The purpose of this clinic is to reveal technique using the *dental x-ray* to achieve a serial study of the condyles in some mandibular positions.

METHOD

The apparatus used in procuring these x-rays involves the use of a device first presented by Lindblom¹ and modified by others. Essentially the device is a five-by-seven inch cassette holder, held in opposition to the cheek and tilted so as to conform to the anatomical position of the

*Text of table clinic presented at the 1952 Midwinter Meeting of the Chicago Dental Society.



The Lindblom Attachment

condyle (about 20° from the vertical) and so aligned that the tube of the x-ray is directed at right angles to the cassette in such a position so as to be at about 25 inches distant from the condyle under consideration. In this manner the central rays are directed to the cassette through the cranium at an angle slightly superior and posterior to the external ear on the side opposite the condyle being studied. In this manner, only a slight distortion is portrayed on the films since the x-rays traverse areas of the skull with a minimum of dense bone.

From a practical viewpoint the taking of these radiographs may be achieved by making a device, interchangeable for the left and right sides which is attached to the dental chair, so that the patient is seated upright and is so designed that it is actually free from contact with the condyle so that complete freedom of mandibular movement is allowed.

The cassettes employed are lined with intensifying screens; a filter is employed; ordinary speed five by seven film is used, and a four to six second exposure using 60 K. V. P. is used.

The patients are all aligned in Campers plane, so as to provide uniformity of results.

TECHNIQUE

Four positions of both condyles in each individual were examined radiographically.² These positions were

1. Physiological rest position.
2. Pre-occlusion, or teeth almost but not quite in occlusion.

3. Physical occlusion.

4. Protrusion to an edge-to-edge bite.

The reason for selecting pre-occlusal level as one of the positions studied was to prevent the possibility of cuspal interference or premature contact of the teeth in guiding the condyle path.

The majority of patients studied in this serial manner illustrated a simple, hinge-type of motion when traversing the distance from physiological rest to that of occlusion. In most cases by a superimposition of the x-rays, it was difficult to demonstrate any appreciable change in the condyle, glenoid-fossa relationship from rest to occlusion. The protrusive motion showed the condyle in a more anterior and inferior position in the fossa.

It was interesting to note that the remaining individuals who were examined revealed a posterior-superior deflection of the condyle in the fossa in the closing motions, and in some cases the protrusive motions revealed a condylar position almost identical to that of physiological rest.

In only one case was a definite pathological condition suspected.

DISCUSSION AND APPLICATION

In the practice of periodontia, a clear evaluation of condylar pattern to functional occlusion is of value in the selective grinding techniques employed in equilibrating the occlusion. In other respects, the application of this type of radiography may be employed to clarify some of the assorted conditions with "Costens syndrome."

In orthodontia certain cases of cleft palate deformity have been studied in relation to condylar pattern using this type of radiography.³

CONCLUSIONS

1. A simple technique yielding clear, profile-views of the temporomandibular articulation is available.

(Continued on page 29)

EDITORIAL

THE SUGAR STORY

One of the easiest foods to be absorbed, and one of the cheapest to buy, sugar plays a big part in our everyday life by furnishing energy for the body. It furnishes the energy for our muscles and will bring them back to activity faster than any other substance; it is the only source of brain energy; disturbances in the sugar balance of the body may lead to such diseases as diabetes, hypo- or hyperglycemia and ketosis; it maintains consciousness with a sufficient blood level; its presence will stop wasting other foods that would have to be converted to carbohydrates; it is well tolerated by most individuals; and, as the kids say, it makes things taste good. There is no doubt then, that sugars not only are important to us but are also absolutely necessary.

The dental profession has for many years attacked the candy makers and bottlers of carbonated beverages, for the sugar in their products has been blamed for much of the dental caries found, especially in children. Probably the most accepted theory of decay formation is that founded by Miller and called the acidogenic theory. It follows a line of thought where carbohydrate foods in the mouth form acid which, in turn, dissolves the inorganic materials of the enamel. The carbohydrates usually blamed are the refined sugars. The American Dental Association has recently released the findings of Dreizen and Spies of Northwestern University which show that a high rate of dental caries may be found in individuals whose chief diet is made up mainly of unrefined sugars. The study was made in Cuba on 147 sugar cane field hands existing on raw sugar cane, raw sugar cane juice, crude brown sugar, tropical fruits and vegetables, coarse maize meal and partially refined rice. Ten of the individuals were toothless and the rest averaged 15.1 D.M.F. teeth per person, with only one caries-free member. Dental decay was entirely thought to cause the loss of teeth. "The high caries (tooth decay) incidence and extensive amount of tooth destruction observed in this group," the scientists said, "is not consistent with the hypothesis that raw sugar cane and unrefined carbohydrates contain a protective factor in amounts sufficient to prevent tooth decay." If this is true, then the whole acidogenic theory should be viewed in a new light.

Advancing in popularity daily is the so-called proteolytic theory of Gottlieb, Bodecker and others, which purports to show that the actual predisposing cause of caries can be found inside, rather than outside, of the tooth. Experiments have shown that natural caries differs radically from artificial caries when seen under the microscope and would point at the physical makeup of the teeth. Along the same lines, the knowledge gained from the studies of European children after the war showed a decrease in decay due to the sugar shortage, but also spotlighted another significant finding. Those children whose teeth developed during the shortage were not only low in caries but remained so after the high sugar level was restored. Children who had sugar during the developmental period showed a reduction of caries during the shortage, but again became carious when sweets became available. Recent investigations on laboratory animals have substantiated these findings and showed that a

high sugar diet during the period of tooth formation resulted in teeth susceptible to decay.

A correlation between the acidogenic and the proteolytic theories is probably possible in the light of these findings and the foundation of how fluoridated water in the diet during the formative period further reduces decay. A further correlation can also be made with the school of thought believing the answer to decay is in the saliva—this may be partly true, for the contents of the saliva must have some bearing on the subject. No doubt the process of dental caries is quite complicated and promises to become more so as time goes on.

Our main consideration is therefore sugar and what to do about it. It has been advocated by the American Medical Association and the National Council of Parents and Teachers that the sale of candy, carbonated beverages and other confections be discontinued in our schools. The money spent on these products is felt to be a waste in comparison with more nutritious foods and it is further felt that the sale of these products interferes with the training of good food habits in our children. Our attitude toward sugar is probably justified and a reduction in the consumption is definitely warranted but sometimes we wonder if possibly we are making sugar the "goat" of dental decay. At the present time, too many loopholes exist in our theories about decay to put all the blame on sugar products. Authorities point to the Eskimos as an example of caries free individuals, who when exposed to our modern diet can produce cavities in an astoundingly short period. However, in the light of the European findings, if the Eskimos were on a sugar-free diet during the tooth formation period, then later exposure to sugar products should make little or no difference.

Caries is a universal problem that has probably existed since the earliest inhabitants on this earth and, next to the common cold, is the most prevalent disease. However, it appears that the more civilized we become, the more caries is found. In the same vein, the more civilized our diet, the more decay. Why not investigate the rest of our diet as thoroughly as we have investigated sugar? Let's start a campaign against the peanut butter and jelly sandwiches that seems to be the accepted lunch today—jelly plastered against the teeth and sealed in with nice sticky peanut butter. Why not invade the privacy of the holy of all holies—milk. It has the potentials of decay—a warm mouth ideally suitable for the incubation of bacteria, sugar for decay and fat to hold the sugar to the oral tissues. How often we have noticed that after taking a mouthful of milk, a film will be found hours later.

It seems only logical therefore, that if we are to lick decay, we must instigate a broader program of investigation than we now have. Continue the persecution of sugar if we must, but attack also the rest of our so-called civilized diet.

A small boy went to a Sunday-school picnic, but it hardly lived up to his expectations. He was stung by a bee; he fell into a creek; a little girl pulled his hair; he got badly sunburned. Late in the afternoon he reached home in an extremely dishevelled state. As he limped up the front steps, his mother greeted him and said:

"Well, son, what sort of a time did you have at the picnic?"

"Mama," slowly replied the little lad, "I'm so glad I'm back I'm glad I went."

RUSSELL G. BOOTHE
President
North Side Branch



Russell G. Boothe, president of the North Side Branch of the Chicago Dental Society, was graduated from the Chicago College of Dental Surgery, Loyola University and Northwestern University, receiving a Master of Science degree in oral surgery. Currently, he is an associate professor of oral surgery at Northwestern University.

Dr. Boothe has held every office in his branch, including those of branch correspondent and program chairman. He has also been very active in parent society affairs, having been chairman of the Essay Division and the Scientific Section of the Midwinter Meeting and chairman of the Monthly Program Committee.

He is a member of the American Society of Oral Surgery, Chicago Society of Oral Surgery, the Delta Sigma Delta and Omicron Kappa Upsilon fraternities, and a Diplomate of the American Board of Oral Surgery. He is a member of the North Shore Kiwanis club and has served on its Board of Directors. He is secretary and treasurer of Pack 3 Cub Scouts in Evanston.

Sloppy Copy From Oppy

I publicized some rules for better living in our Oak Park "Lions Lines" recently. One of the Lions' members, Frank Kerous, who has a responsible position with the Public Service Company of Northern Illinois, was delighted and impressed with them. But the thought that struck my heart was when he said, "You know, Doc, I took those rules and gave them to my son and my stenographer at work and emphatically suggested that they learn them." Yes, learn and practice them—even our author of the rules, Dale Carnegie, has to refer to them—you know, refresh his memory and see what he wrote years ago.

By now, you should know the following is from his book, "How to Win Friends and Influence People." We will publish rules from his book, "How to Stop Worrying and Start Living" in the October 15 issue. Publishers: Simon and Schuster, 630 Fifth Ave., New York, N. Y.—Olaf S. Opdahl.

RULES FROM "HOW TO WIN FRIENDS AND INFLUENCE PEOPLE"

Fundamental Techniques in Handling People

1. Don't criticize, condemn or complain.
2. Give honest, sincere appreciation.
3. Arouse in the other person an eager want.

Six Ways to Make People Like You

1. Become genuinely interested in other people.
2. Smile.
3. Remember that a man's name is to him the sweetest and most important sound in the English language.
4. Be a good listener. Encourage others to talk about themselves.
5. Talk in terms of the other man's interests.
6. Make the other person feel important—and do it *sincerely*.

Twelve Ways to Win People to Your Way of Thinking

1. The only way to get the best of an argument is to avoid it.
2. Show respect for the other man's opinion. Never tell a man he is wrong.
3. If you are wrong, admit it quickly and emphatically.
4. Begin in a friendly way.
5. Get the other person saying, "yes, yes" immediately.
6. Let the other man do a great deal of the talking.
7. Let the other man feel that the idea is his.
8. Try honestly to see things from the other person's point of view.
9. Be sympathetic with the other person's ideas and desires.
10. Appeal to the nobler motives.
11. Dramatize your ideas.
12. Throw down a challenge.

Nine Ways to Change People Without Giving Offense or Arousing Resentment

1. Begin with praise and honest appreciation.
2. Call attention to people's mistakes indirectly.
3. Talk about your own mistakes before criticizing the other person.
4. Ask questions instead of giving direct orders.
5. Let the other man save his face.

(Continued on page 28)

NEWS AND ANNOUNCEMENTS

NEWS FLASH!

Col. E. W. Cowan, Dental Surgeon Fifth Army, has been promoted to the rank of Brigadier General. He was graduated from Northwestern University Dental School in 1916.

PROPOSED COMMUNITY DIRECTORY LISTINGS DECLARED UNETHICAL

The *Southwest News-Herald*, a newspaper serving the southwestern section of Chicago, has recently solicited dentists in that area to purchase listings in a directory for that area the newspaper intends to publish. Inquiry has been made as to whether or not such listings are ethical. The subject was discussed at the meeting of the Board of Directors of the Society on Tuesday, September 16, and it was ruled that such listings are unethical.

In order that this matter may be more clearly understood both in this instance and in future instances, we quote here-with the section of our Code of Ethics upon which this decision rests. The Society does not, in any manner or degree, intend to convey any disparagement of this particular enterprise or any similar enterprise but because its Code of Ethics states as follows, it adheres to the ruling above: "It shall be deemed unethical for a member of this Society to permit or cause his name to be listed in any restrictive listing or directory which might be construed as advertising. It is, however, permissible to allow a member's name to be listed in public telephone directories, membership rosters of incorporated or chartered professional societies, or a building directory, using only his name and professional degree, or the words 'Dr., Dentist,' subject to the restriction specified in this section."

NEW MEMBERS

At the September 16 meeting of the Board of Directors of the Chicago Dental Society, the following candidates were elected to membership:

Kenwood-Hyde Park Branch

**Robert M. Nelson, 7200 Exchange Ave.
North, Suburban Branch**

North Suburban Branch
Walter J. Baum, Fox

Walter J. Ream, Fox Lake, Ill.
South Suburban Branch

South St.
Ames

Arnold Frisch, 273 Forest Blvd., Park Forest

West Side Branch

Samuel G. Gordon, 6 N. Hamlin Ave.
Donald M. Ladd, 200 S. W. 1st St.

Daniel M. Laskin, 808 S. Wood St.

Patrick D. Toto, 1757 W. Harrison St.

WEST SUBURBAN ANNOUNCES OUTLET FOR TELEPHONE PROGRAM

A West Suburban outlet for the 1952-53 series of the University of Illinois Telephone Extension Program will be in Hinsdale. The meetings will be held in the Hinsdale Memorial Building. The meeting dates will be November 10, and December 5, 1952 and January 12, February 9, and March 9, 1953.

For enrollment in the series, contact Dr. Richard A. Anderson, 102 S. Washington St., Hinsdale; Hinsdale 3102. The enrollment fee is \$10.00.

**ALPHA OMEGA FRATERNITY
ANNUAL CLINIC DAY**

The 4th annual clinic day of the Alpha Omega Fraternity will be held on Wednesday, November 19, at the Congress Hotel, with luncheon at 12 noon. Table clinics, scientific and commercial exhibits will be held from 1:00 to 5:00. All members of the Society are cordially invited.

(Please turn to following page)

ENGLEWOOD'S PROGRAM WILL FEATURE DR. ORBAN

Englewood meetings will be back on the second Tuesday schedule with the October meeting being held at Nielsen's Restaurant on Tuesday, October 14th, at 8:00 p.m. The well-known authority on periodontia, Dr. Balint Orban, will be the speaker. He has chosen as his topic, "Occlusion in Periodontia in General Practice." He will illustrate his lecture with lantern slides.

C.D.A.A. OCTOBER MEETING

The regular monthly meeting of the Chicago Dental Assistants Association will be held Thursday, October 16, in the Conference Room of the Pittsfield Building, 55 E. Washington St., at 8:00 p.m. The speaker will be Mr. Jack Reinhardt of the Ney Company; his subject, "Information on Inlay Castings."—*Harriet Turner, Publicity Chm.*

HYPNODONTIA GROUP ORGANIZES FORMALLY

A group of forward-looking Chicago Dental Society members had been meeting for about a year as the Hypnodontia Club. In March, 1952, the club was formally organized and adopted the name of the Chicago Academy of Hypnodontia.

The aims and purposes of the Academy are as follows:

- 1.) To make its members more proficient in the science of hypnodontia.
- 2.) To foster and advance the use of hypnodontia.
- 3.) To encourage research in this field.
- 4.) To promote public understanding of hypnodontia.

HYPNODONTIA is defined as that

science which deals with the study and application of controlled suggestion and/or hypnosis as applied to dentistry.

The code of ethics is basically that of the American Dental Ass'n. The Chicago Dental Society has been named as beneficiary of all remaining assets in the event of liquidation.

The executive committee is composed of all elected officers and three additional elected members. The following were elected for the fiscal year beginning Sept. 1, 1952.

President	J. D. Mershimer	(N.W.)
1st. Vice President	M. I. Gerry	(N.S.)
2nd Vice President	B. H. Bartfield	(N.S.)
Secretary	I. I. Secter	(N.S.)
Treasurer	M. S. Altus	(N.S.)
Librarian	D. B. Berk	(N.S.)
Additional member.	R. A. Atterbury	(W.Sub.)
Additional member.	F. G. Biedka	(N.W.)
Additional member.	J. Rund	(N.W.)

The next regular meeting will be held in the Conference Room of the Pittsfield Building on Friday, Oct. 12, 1952 at 8:00 p.m. The speaker for the evening will be Dr. Basil I. Hayes on the subject "**SUGGESTIVE RELAXATION FOR THE PATIENT.**" This is a practical, easy-to-do relaxation technique that any dentist can apply to advantage in his daily practice.

Membership in the Academy is open to members of the A.D.A. who are interested in supporting the aims and purposes of the Academy as hereinbefore mentioned. It is contemplated that after the October meeting, applicants for membership will be required to present evidences of experience and/or postgraduate training in hypnodontia.

The academy has sponsored several classes. These were given by the Institute of Medical and Dental Hypnosis under the instructorship of William T. Heron, Ph.D., professor of psychology at the University of Minnesota.

The following are some of the factors which have stimulated interest in the field of hypnodontia.

Because the fear of pain is eliminated,

(Continued on page 29)

ABSTRACTS

FALLACIES IN CHILDREN'S DENTISTRY

The author believes that much of the difficulty and unpleasantness associated with children's dentistry can be traced to some common fallacies.

Some of these and the answers to them are:

1. *That a dentist must love and enjoy children.*

Ans. (a) Any adult enjoys adults unless he has a childish mind. (b) Success with children depends upon confidence in one's ability to handle them.

2. *That child control is an inborn quality.*

Ans. Not so; we acquire it by patience and understanding children with their urge for security, response, recognition and new experiences. In the author's hands, control depends on pulpal anesthesia, "horse sense," keeping mother out of the surgery, the towel technique, confidence, and souvenirs.

3. *That local anesthesia is contraindicated because pain is necessary as an indication of closeness to the pulp and heat generated will kill the pulp.*

Ans. This only indicates a lack of knowledge and ability on the part of the operator.

4. *That silver amalgam is the filling material of choice for deciduous molars.*

Ans. First would be inlays except for economic reasons. Copper amalgam is superior to silver since it has greater crushing strength, does not need a lining and will not expand or liberate hydrogen putting pressure on the pulp.

5. *That copper amalgam is the ideal filling material for deciduous molars.*

Ans. Not when placed in poor or impossible cavity preparations.

6. *That the anatomy of the deciduous molar makes the cutting of correct cavities a hazardous procedure.*

Ans. This can be overcome by careful preparations and obtaining strength at the expense of width rather than depth.

7. *That children's dentistry does not pay.*

Ans. It takes only half as long to prepare and fill a deciduous tooth as a permanent tooth. With the low overhead of children's work, an hourly fee can be very good.

8. *That dentists must amuse children.*

Ans. Use child control instead. Parents will not pay for entertainment.

Considering the above, children's dentistry can be pleasant, remunerative and less fatiguing than working on adults.

—*"SOME FALLACIES ASSOCIATED WITH CHILDREN'S DENTISTRY"*
BY B. LINDSAY, M.D.S. DENTAL JOURNAL OF AUSTRALIA, MAY, 1952.

J. N. L.

PREGNANCY GINGIVITIS

The gingivitis and gingival haemorrhage found in pregnancy are still of doubtful etiology. It has been described as auto-intoxication, non-specific inflammation, systemic change in pregnancy and endocrine imbalance.

Hilming, in a study of 203 cases, observed that the gingivitis usually began in the second month, increased to the eighth and declined in the ninth month. In the first few days after delivery the gingivae are no longer affected by the pregnancy.

However, there was significant periodontal damage in 13% to 29% of those examined after parturition, thus pregnancy gingivitis should not be dismissed lightly.

Vitamins have been prescribed frequently during pregnancy to supplement the diet—especially vitamin C.

(Continued on page 30)

NEWS OF THE BRANCHES

NORTH SIDE

If success is the expected result of hard work, your officers and committees will be well rewarded. Each member can do his part by attending the first meeting in the 1952-53 season, Monday, October 6. Pres. Russ Boothe assures every member an evening of good fellowship with your professional colleagues, combined with an excellent scientific program. You are reminded that pre-dinner activities will take place in our meeting room, rather than in the Yacht Club or Village Green. Dinner reservations are still available, and can be had by contacting dinner chairman Grant Vartabedian, LO 1-2627, or secretary Maurice Altus, LO 1-4694. A special season ticket can be had for \$10.00. . . . Numerous reports have reached your correspondent concerning recent physical examinations and classifications of older dentists for military service. Your correspondent contacted Leo Kremer who attended a meeting of Army and Navy procurement officers at the recent A.D.A. meeting in St. Louis. Leo reports that Col. Ames, dental procurement officer for the Army, said there is little possibility of any dentists past age 35 being drafted by the armed services. He also reports that the recent physical examinations were given in compliance with public law 779, which requires a survey made to determine availability of dental personnel. It is hoped that the above will ease some of the uncertainty of what the future may be. . . . The boys around Foster and Clark were recently faced with the problem of parking meters. This has necessitated a close watch on appointments, and interrupted appointments in order to feed the hungry collectors. . . . Russ Boothe presented a paper to the Oral Surgery section at St. Louis during the A.D.A. meeting. Other Northsiders at the St. Louis meeting were Leo Kremer,

Harold Oppice, E. Walker, and Herbert Krummel. . . . Vacationer Harold Lange returned from an eastern trip. . . . Bob Mugalian returned from Lake George, Wisconsin, where he enjoyed himself on the tennis courts and just loafing. . . . Walter Christiansen enjoyed his vacation in Wisconsin on a fishing trip. Walter is already planning for a trip to Norway on next year's schedule. . . . Burt Schulz is going on a six months' tour, which will take him to Greenland, Scandinavia, ultimately reaching India and Singapore. . . . Orville Larsen is taking a day off this week to take his daughter Joanne back to Knox College. . . . The North Side Dental Assistants Association held its first meeting Sept. 9 at Rupneck's Restaurant. They cordially invite all assistants to join them at their next meeting to be held October 14 at the same place. Herb Gustavson is Counselor for the assistants. . . . As a closing reminder, the place is Edgewater Beach Hotel, October 6, first meeting of the North Side Branch.
—Edward O. Benson, Branch Correspondent.

NORTHWEST SIDE

Vacation season isn't quite over; Ewald A. Iwick is in Grand Rapids, Minnesota for a short time—recuperating from the ordeal of moving his dental office. He is now located in the Klee Building. Here's wishing you the best. . . . Joe Smialek leaving for the north—destination unknown. . . . Folmer Nymark is leaving on a one day fishing trip with twelve men—P. B. De Boer is also one of the twelve in the fishing party. After the fishing trip Folmer and Mrs. Nymark are driving their daughter to Michigan State University. She is enrolling as a junior there. . . . J. T. Hansen has a new Lincoln and is to leave on a trip very soon. . . . E. R. Pihlfeldt spent

two weeks in Door County, Wisconsin. . . . Joe Ulis spent three weeks in Colorado Springs and the Black Hills. He also attended a rodeo at Pike's Peak. . . . Morris Bernards went to Lake Geneva with his family for about ten days. . . . Bob Placek was on the program at the A.D.A. Meeting in St. Louis. . . . Herman Wenger was a delegate. . . . Frank Biedka, Cas Rogalski, Joe Zielinski, Joe Ulis, Bernard Pawlowski, John Gates, Frank Brzezinski, Glenn Cartwright, Gerson M. Gould and several other members of the Northwest Side were present at the A.D.A. Meeting. . . . Thad Olechowski is in good physical condition so the army said last Tuesday. Funny he thought it was his son they were after. . . . Jack Heinz received a notice from the Navy that they may need his services as of November 11. . . . Glenn Cartwright has purchased season tickets for the Skokie High School football games. . . . Our deepest sympathy to Michael Guerrieri on the passing of his father. . . . Word comes to me through the Society's central office that our president, Gerson M. Gould, is quite a baseball fan. Our informant said, "Sitting next to that guy in a ball park is like looking into a crystal ball—he knows what's going to happen before it does happen!" . . . See you all at the first meeting, October 14. *Please come.*—*Sonny Litturi, Branch Correspondent.*

KENWOOD-HYDE PARK

We are very happy to report that O. K. Stafford is home from the hospital and doing very nicely. . . . Robert and Mrs. Kreiner are going on a fishing trip near Rhinelander, Wisconsin this coming week and Stanley Wrobel and his family have just returned from a very successful fishing vacation in Wisconsin. . . . Those from Kenwood who attended the A.D.A. meeting in St. Louis are Graham Davies, Walter Dundon, Robert Wells, Elmer Ebert, Jesse Carlton, Roy Eberle, Ralph Libberton, and Byron Kelly. . . . The Kenwood-Hyde Park Branch meet-

ing will be held October 7th at the Sherry Hotel. Dr. Robert Appleman will be the essayist and his subject will be "The Preparation of the Patient for Full Dentures." This will pertain to the mental preparation of the patients for dentures. Dinner will be at 7:00 p.m., the program at 8:00. This should be a very interesting meeting and one which you cannot afford to miss. Table clinics will also be presented. For dinner reservations, call Howard Harvey at VIncennes 6-3059.—*Harry Hartley, Branch Correspondent.*

WEST SUBURBAN

The dentists and physicians—no group of men needs to call to mind more often the wise comment of Plato that education is a life-long business. The problems of disease are more complex and difficult than any others which the trained mind has to grapple; the conditions in any given case may be unlike those in any other—indeed each case may have its own problem. In many instances there are men who cannot fully continue their education via books, journals, and post-graduate school—here is where the dental society may step in and prove their salvation. The programs for the West Suburban Round Table and evening meetings have been worked out carefully to provide speakers who will give us the fruit of years of study and research—all this for about two hours of our time! There are only a few acceptable excuses for not attending these meetings where we can "take stock," eliminate out-of-date goods, and furnish our mental shops with the latest wares. We are blessed that we live in an area where able men can show us the way to bring our experiences to the test and save us from falling into the rut of a few sequences.

. . . *FIRST ROUND TABLE MEETING!* On Monday, October 6 at 12 noon at the Oak Park Club, Dr. Robert Tanis will present "Case Presentation for the Patient." Synopsis: A good dental practice is based on a thorough examination of diseased tissues and a correct diagnosis leading to effective treatment. However,

a good practice can be a more economically successful one through certain technics of discussing in a convincing way or visualizing for the patient the true value and significance of good oral health. The facts must be presented so there is a real understanding and regard of disease processes and extent or optional plans of treatment leading to appreciation of services rendered and a suitable financial arrangement. These technics can be learned and the practitioner who can present his story the best and most convincingly is the one who will be doing a majority of the work for the best fees. . . . **FIRST EVENING MEETING!** Tuesday evening, October 14, at the Oak Park Club, Dr. Arthur Elfenbaum, Associate Professor of Clinical Dentistry, University of Illinois College of Dentistry, will present, "The Use and Abuse of the Dental Roentgenogram." This will be an evening devoted to correlation of the patient's complaints and interpretation of roentgenographic studies and should improve the ability of all to make accurate oral diagnoses that are bound to reflect in the welfare of the patients. Experience and wisdom are not one—many times there is no connection—but Dr. Elfenbaum has both, plus the ability to transfer years of practice and teaching into a meaningful whole, palatable to everyone's taste. The huge collection of illustrations of cases include not only the bizarre and rare, but those patients who make up the usual daily dental practice. Here is a capable student-teacher whom we should honor by a 100 per cent attendance on October 14. Write or telephone Joe Komarek for dinner reservations. . . . The West Suburban branch of the Chicago Dental Assistants Association will hold their next meeting at the Carleton Hotel, Marion and Pleasant, Oak Park, on Thursday evening, Oct. 2, at 6:45 p.m. The subject to be discussed will be "Hypnosis in Dentistry—The Dental Assistants' Viewpoint." . . . Jim Hofrichter and Charles Mikolas have taken off for a two-week fishing trip in Canada. . . . Among many others, we saw Tom Barber and Barney

Mulacek at the American Dental Association meeting in St. Louis. . . . Wedding bells will ring for an Oak Park couple to be married in Wiesbaden, Germany. The bride-to-be is Miss Yvonne Sprafka, daughter of Dr. and Mrs. Grover Sprafka, 162 N. Scoville Ave., and a recent graduate of the Oak Park Hospital school of nursing. She sailed recently on the liner *United States* with Mr. and Mrs. Williams W. Hoshell, 945 Mapleton Ave., parents of her fiancé, Airman William P. Hoshell, who is based at Wiesbaden. . . . A letter from Lyle Filek our former librarian, to Ed Kritzke, reveals that he is now in Clearwater, Florida and is living in a home at 412 N. Washington until his own home is built. He hopes to rent a bungalow office in the medical center of Clearwater. He plays golf almost every day on a golf course across the street from his property. He expects to be in his new home by November 15. He sends his regards to all his friends of the West Suburban branch. . . . Dick Anderson writes that due to considerable interest in the University of Illinois Telephone Extension Program, it was decided to make it possible for our members to hear it again this year. The deadline for enrollment is soon so if you are interested contact: Richard A. Anderson, D.D.S., 102 S. Washington St., Hinsdale, Ill., Hinsdale 3102. The enrollment fee is \$10.00, the meetings are to be held in the Hinsdale Memorial Building. Meeting dates are Nov. 10; Dec. 8; Jan. 12, 1953; Feb. 9; and Mar. 9.—*Anthony J. Malone, Branch Correspondent.*

Ernie Irish will leave Chicago November 1st to practice periodontia in Denver, Colorado. Ernie has had a Colorado license since 1921. Robert Christopher is taking over his office and Ernie is taking R. A. Adams' office in Denver. Many, many years ago Ernie lived in Boulder, Colo. We of West Suburban, who have learned to love Ernie, will miss him. The group will suffer because of the loss of a good man. Ernie did an outstanding job with everything he tackled.

(Continued on page 23)

APPLICANTS

(Continued from page 19)

HOGG, JAMES J. (Loyola 1952) Englewood, 9103 S. Ashland Ave. Endorsed by Romaine J. Waska and Fred C. Wakerlin.

IRONIMO, FELICE (U. of Ill. 1952) Northwest Side, 4200 Lawrence Ave. Endorsed by George L. Carey and William T. Raleigh.

IZUI, VICTOR SUMIO (U. of Ill. 1950) North Side, 4554 N. Broadway. Endorsed by Koki Kumamoto and Charles G. Maurice.

KREML, CHARLES W. (U. of Ill. 1950) West Suburban, 1545 Clinton Place, Riverside. Endorsed by F. J. Nienstedt and C. P. Bellan.

McANDREWS, JOHN J. (Loyola 1952) North Side, 6355 N. Broadway. Endorsed by William P. Schoen, Jr. and Rinert Gerhard.

NAKAYAMA, JOE M. (U. of Ill. 1952) North Side, 3810 Broadway. Endorsed by H. N. Lasker and Harry B. Springer.

NARSETE, SAMUEL M. (Loyola 1952) North Suburban, 4948 Dempster St., Skokie. Endorsed by Henry A. Harkensee and John A. Holmes.

ROSEN, HERBERT N. (U. of Ill. 1948) South Suburban, 7103 W. 111th St., Worth. Endorsed by Melvin M. Meilach and Ben H. Jostes.

ROTHBLATT, HAROLD D. (U. of Ill. 1952) Englewood, 9839 Southwest Highway, Oak Lawn. Endorsed by Edwin E. Weinfield and S. Weinfield.

STRENK, EDWARD M. (Loyola 1952) Englewood, 3116 W. 43rd St. Endorsed by Rinert Gerhard and Randal E. Willoughby.

TSUKAHARA, Y. PAUL (Marquette 1952) North Side, 2561 N. Clark St. Endorsed by Thomas A. Hiura and Harry I. Omori.

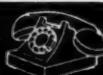
NEWS OF THE BRANCHES

(Continued from page 18)

He has been president of Cooley Study Club, was an outstanding program chairman last year, and undertook numerous other jobs. There was no help, no job too big for Ernie. As one Dale Carnegie man to another, we are going to miss you, Ernie.—*Olaf Opdahl*.

SOUTH SUBURBAN

I'm sure that by now all of you have received your notice for the October meeting as to place and speaker. It feels good to get back to cases again after a rather long and hot summer. That prolonged hot spell back in the fore part of September was really a cooker. I was beginning to get into my July working (?) mood just about the time it was over. . . . We had quite a representation down in St. Louis for the ADA convention. All in all, I understand that there were about a dozen men from South Suburban in attendance, headed by delegate Mike Hughes. . . . Just got word that Vance Phillips, now with the Armed Forces, is again a pappa—this time to a little baby girl. . . . To quote a very reliable source, Hammer devotes a certain portion of his early morning hours to the hunting of squirrels. Now whether he does this to provide meat for the table or to emulate the venerable Daniel Boone, I do not know. It has been said

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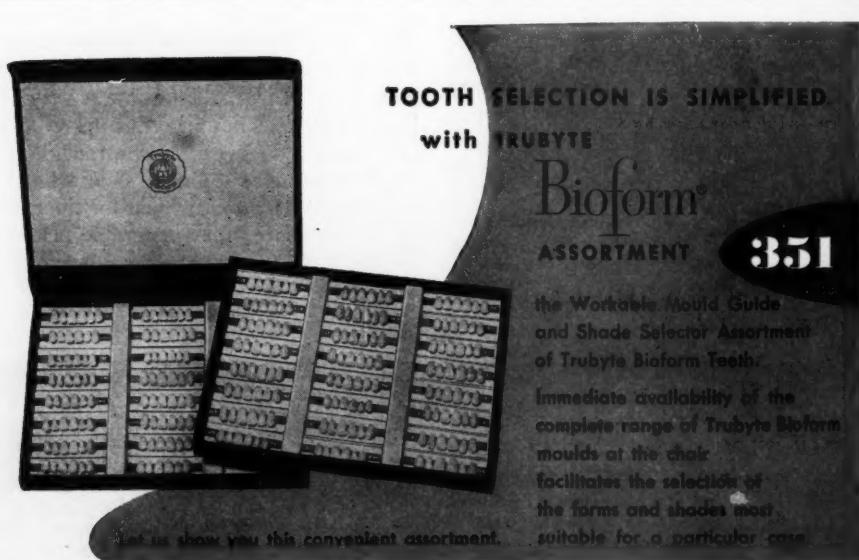
Since 1812

that Boone could shoot the eye out of a squirrel at fifty yards. I have nothing but admiration for this feat for I cannot even see the squirrel at said distance. . . . A little more information on our October meeting—it is to be on the first Tuesday of the month, that is on the 7th, and the place to be Chuck Cavallini's out in Midlothian. The speaker as yet has not been made certain, but one of the main points on the agenda is the clearing up of certain unfinished businesses. . . . I guess that about clears the matters great and small at the present time, so will be with you all soon. That's all for now.—*H. C. Gornstein, Branch Correspondent.*

WEST SIDE

Our summer is over and now the task of buckling down has begun and it's rather tough. . . . Al Sells married off his daughter; our best wishes go to Al and Mrs. Sells. . . . Harold Epstein did a noble deed. He assisted Mrs. Epstein in selling "Heart" tags. . . . George Walls

took a trip to Georgia to start his boy in school. . . . Bumped into Bill Walden and Sam Sherman—they stayed home and worked all summer. . . . Bob Tuck will take a trip to the Ozarks this month. . . . R. H. "Luke" Johnson has retired from active practice and will live at Port Huron, Michigan. . . . You know that saying, "Too old last time and too young this time,"—well, Dillon and Butler took their physical; you ask them. . . . The Alpha Omegas are going to have a meeting with the Dental Health Council. They expect to have a representative of the Chicago Dental Society and a member from the professional labs to ask questions. . . . Do not forget to get your dinner tickets for the coming monthly meetings. Here is a chance to relax and enjoy good fellowship with your friends. Our program chairman, Irwin Robinson, has a terrific setup for the coming meetings. Our first meeting is Tuesday, October 14, and it should be a slam-bang program. Dr. W. J. Sone will speak on "Implantation Dentures."



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FREE PARKING

There will be movies with his talk. Dr. Sone will have some of his patients present for examination. Mr. Bishop, of the Dental Health Council, will also be present to enlighten us further on their program. Be sure that you mark your calendar for this meeting. Let's have our usual big turnout. Don't forget to call Walter Kelly for your dinner tickets.—*Arthur D. Tessler, Assistant Branch Correspondent.*

ENGLEWOOD

It seems that "Sloppy Copy from Oppy" by Olaf S. Opdahl has started the ball rolling in the Englewood column. We have "The Pied Typer of Ramblin" who is none other than Romaine J. Waska. He is responsible for the following item.

Men of Englewood did not know it
But Marion Hopkins is a poet
His, "Starkle, starkle, little twink"
Was a lulu, don't you think?
But he quit there (the lazy viper)
So hear ye now from yer Pied Typer.

POME

(writ by hand*)

Scintillate, scintillate, globule vivific
Fain would I fathom thy nature specific
Loftily poised 'mid ether capacious
Strongly resembling a gem carbonaceous.
*Left hand.

I feel sure that after reading this, it is easy to understand why credit must be given to the right hand. . . . Have you returned the three petition forms for the fluoridation of the Chicago water to the Secretary of the Chicago Dental Society? If not, do so immediately. When we as dentists show a lack of interest, how can we expect the city council to cooperate with our requests? . . . Items for this column are definitely hard to find and I am sure you have read this many times. It seems to me that it may be necessary in the future to hire a professional reporter who will make it his business to call on each member of the Englewood branch and find out what he has been

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doing or intends to do. So that this will not happen, why not give your branch correspondent a telephone call and make his work a little lighter? I am sure that it will be appreciated. . . . Homer Hedmark, one of our newer members, has entered the service. I am not sure but I believe it is the Army. . . . Don Nix, a former Englewood member, was in Chicago for a visit. He is practicing oral surgery in Vallejo, California. . . . We are sorry to hear that the son of Stanley Tikusis has been stricken with polio. . . . Ernie Goldhorn's Marine son was home on leave and has returned to the West Coast. . . . Bob Fisher has returned from fishing in Wisconsin. Don't forget to tell us about the big one? that got away, Bob. . . . Bob Tharp is also back from vacation. . . . Ray Van Dam covered 5,000 to 6,000 miles on his vacation, which included Vancouver, B. C. . . . Bill Fanizzo is in Canada fishing, while Jack Manning is doing the same thing at the Wisconsin Dells. . . . The Beverly

Group, some twenty-five of them, played golf and then spent a very enjoyable evening at Ben Jostes' home in Long Beach, Indiana. . . . This reporter had intended to be in St. Louis for the American Denture Society and A. D. A. meetings. However a cholecystotomy performed on his wife prevented his attendance. I have been informed by postcard from Vince Milas that St. Louis was cool and comfortable and that a number of Englewood men were present. Tom Cavanaugh, Leo Finley, Ted Vermeulen, Ray Van Dam and Tom Starshak were some of them. . . . The next meeting of the Englewood Branch will be held Tuesday evening, October 14th, at Nielsen's Restaurant, Western Avenue and 79th Street. The essayist that evening will be Dr. Balint Orban and his subject will be "Occlusion in Periodontia for the General Practitioner." Why not mark off your appointment book now, it will be worthwhile.—*Frank A. Farrell, Assistant Branch Correspondent.*

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SLOPPY COPY FROM OPPY

(Continued from page 12)

6. Praise the slightest improvement and praise every improvement. Be hearty in your approbation and lavish in your praise.
7. Give the other person a fine reputation to live up to.
8. Use encouragement. Make the fault seem easy to correct.
9. Make the other person happy about doing the thing you suggest.

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(Continued from page 8)

2. Every individual exhibits a pattern of condylar movement peculiar to himself.

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NEWS AND ANNOUNCEMENTS

(Continued from page 14)

patients present themselves more readily for dental treatment.

Hypnodontically-conditioned patients are enthusiastic and readily recommend other patients.

The use of hypnodontics brings under treatment patients who would not otherwise visit the dentist.

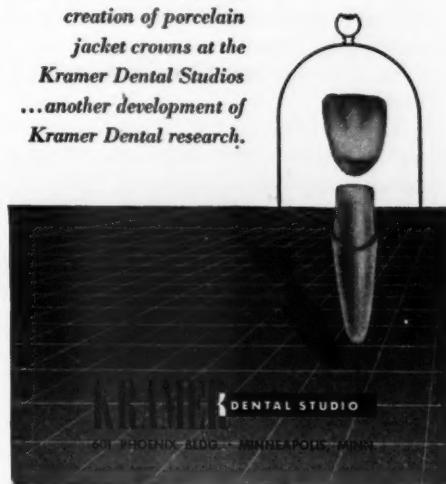
Hypnosis helps solve problems arising from such psychological factors as fear, gagging, lack of cooperation in adjusting to dentures, etc.

Hypnosis can aid in changing patient attitude towards dentistry from something necessary but distasteful to something necessary and pleasurable.

Hypnosis is of definite value in dentistry and its use and application should be understood by every dentist.—*Irving I. Sexter, Sec'y., 343 S. Dearborn St., Chicago 4, Illinois.*

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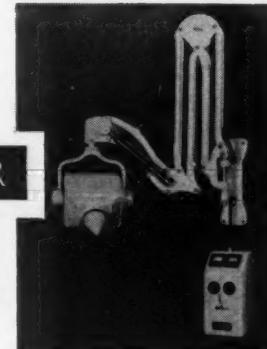


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ABSTRACTS

(Continued from page 15)

Investigation has failed to provide proof of the value of this treatment.

In a recent study, the author found that: Vitamins C, P & K and rutin are not effective in the treatment of pregnancy gingivitis.

In a recent study, the author found that:

1. Vitamins C, P & K and rutin are not effective in the treatment of pregnancy gingivitis.

2. Caronal scaling arrests the progress of symptoms.

3. Weekly subgingival periodontal treatments are most effective in controlling these gingival disturbances.—By A. H. Kutscher, B.A., D.D.S. *Oral Health*, August, 1952. *J.N.L.*

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for several boilings.—"USE OF SILICONE OILS IN MAINTAINING SURGICAL INSTRUMENTS" by F. W. Crowe, M.D. *J.A.M.A.*, Aug. 16, 1952. *J.N.L.*

CYST FORMATION IN ADAMANTINOMATA

It is believed that cyst formation in adamantinoma occurs in the epithelial part of the tumor and that coalescence of these produces the multilocular growth.

There are many reports of another type of adamantinoma in which there are cystic tumors, some of which were in the epithelial part and others in the stroma.

It seems that a relatively inadequate blood supply is responsible for the formation of epithelial cysts. The adamantinoma is neoplastic and as it grows the blood supply does not meet its needs. The stellate cells then degenerate and the products of this produce fluid which, through pressure, causes more degeneration and thus the process becomes self-perpetrating.

Conversely, in cysts of the stroma, the blood vessels are the last elements to disappear. It is believed that here the destructive agent acts on collagen. It may be collagenase which is found in some tumors and further, it may be a similar enzyme liberated by other organisms, thus explaining collagen destruction in some conditions where infection occurs such as many types of paradental disease.—By R. B. Lucas, M.D., M.R.C.P., D.P.M. and A. C. Thackray, M.D. *British Dental Journal*, August 5, 1952. *J.N.L.*

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